

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION

DR-545

Effective Date: August 2012
Reevaluation Date: **January 2015**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

8'-0" Opaque Fiberglass Doors, Inswing and Outswing, Single Door w/ 20 min. Fire Rating, Impact Resistant, manufactured by

Plastpro, Inc.
5200 W. Century Blvd.
Los Angeles, CA 90045
Telephone: (440) 969-9773

General Description:

System	Description	Label Rating	Design Pressure Rating
1	3'-0" x 8'-0" Opaque Fiberglass Single Door, Inswing / Outswing; (X)	Design Pressure: ± 65 psf Maximum Size Tested: 3'-0" x 8'-0	± 65 psf

Component Dimensions:

System	Overall Size
1	37 $\frac{1}{2}$ " x 97 $\frac{1}{8}$ " (Outswing); 37 $\frac{1}{2}$ " x 98" (Inswing)

Hardware Components:

System	Component	Quantity	Attachment Method
1	4" Butt Hinges	4	Secured in accordance with drawing TX-4149.
	Lock and deadbolt strike plate	1 per lockset and deadbolt	Secured with No. 8 screws in accordance with drawing TX-4149.
	Kwikset Signature Series lockset	1	Installed in accordance with drawing TX-4149.
	Kwikset Signature Series 780 deadbolt	1	

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	Plastpro self-labeled
	Manufacturer's Name or Code Name	Plastpro, Inc. Los Angeles, CA
	Product Name	8'-0" Opaque Fiberglass Doors, Inswing and Outswing, Single Door w/ 20 min. Fire Rating
	Test Standards	ASTM E330-02; ASTM E 1886-06; ASTM E 1996-06

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation:

System			
1	Type of Installation	Door Frame	
	Wall Framing	Spruce-Pine-Fir	
	Fasteners	Minimum No. 10 x 2 1/2" Screws	
	Fastener Embedment	Minimum of 1 1/2 inches into the wall framing	
	Fastener Location/Spacing	Head	Minimum of two (2) screws; one (1) located approximately 6 inches from each end
		Sill	None
		Side Jamb	Minimum of seven (7) fasteners are required, with one (1) located approximately 6 inches from each end, and the remaining spaced 14 1/2".
		Hinges	Secured in accordance with drawing TX-4149.
		Other	Refer to RW Building Consultants, Inc., Plastpro Inc. Fiberglass Door drawing TX-4149, sheets 1-6 of 6, signed and sealed by Lyndon F. Schmidt, P.E. on May 9, 2012 for complete installation requirements for the door assembly.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.